

Work Order ID 73089

Thursday, August 25, 2011 1:26:35 PM



Page 1

Item ID: D3297-3-0210

Accept



Setup Start



Revision ID:

Item Name: HOSE ASS'Y

Stop



Start Date: 8/25/2011 Start Qty: 3.00



Cust Item ID:

Required Date: 9/5/2011 Req'd Qty: 3.00



Customer:

Reference:

Approvals:

Process Plan: MF

Date: 11-08-25

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3297

Rev D

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Create D2729-1 label and include with W/O

Issue P/O: 14797

Hose Assembly as per Dwg D3297

Possible Supplier: API

Material release note is required

CL 11/08/25 (4)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

LC 4/8/31 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 73089

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Page 2

Item ID: D3297-3-0210

Accept



Setup Start



Revision ID:

Stop



Item Name: HOSE ASS'Y

Start Date: 8/25/2011 Start Qty: 3.00



Cust Item ID:

Required Date: 9/5/2011 Req'd Qty: 3.00

Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00				(x4)			
130 Small Fab Small Fab	Small Fab Memo Install D2729-1 as per Dwg D3297 using D2182-045 Heat Shrink Batch: <u>B21864</u>	0.00 0.00							
140 Packaging Packaging	Identify as per dwg & Stock Location <u>194</u> Memo	0.00 0.00							

8/25/09/01 (4)

11/9/12 sl (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 25, 2011 1:26:31 PM

Page 1

Work Order ID: 73089

Parent Item: D3297-3-0210

Parent Item Name: HOSE ASS'Y



Start Date: 8/25/2011

Required Date: 9/5/2011

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP: B04.11.09 Added Step 5 KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156005-6D0210 		Purchased	No			110	Each	0.0000	1	3			
HOSE ASS'Y D2182-045 		Manufactured	No			130	Each	0.0000	1	3			
Heat Shrink 4.5" Long D2729-1 		Manufactured	No			130	Each	0.0000	1	3			
Dart Logo label													

B21864

Ø



Per 8/31 (4)

EP 11/09/01

EP 11/09/01

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

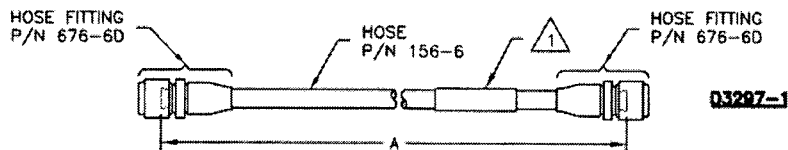
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

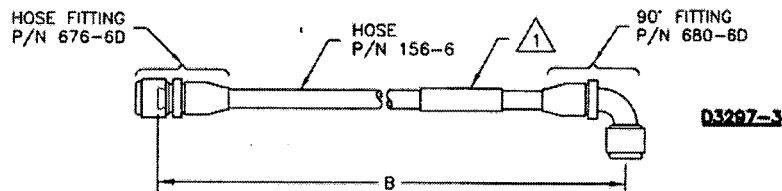


DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3297	REV. 0 SHEET 1 OF 1
DATE 05.01.21	TITLE HOSE ASSEMBLIES		SCALE NTS
A	04.07.06	NEW ISSUE	
B	04.11.01	STRATOFLEX P/N WAS AEROQUIP P/N	
C	04.11.18	T50 CORRECTED TO TSO	
D	05.01.21	CORRECT STRATOFLEX P/N	

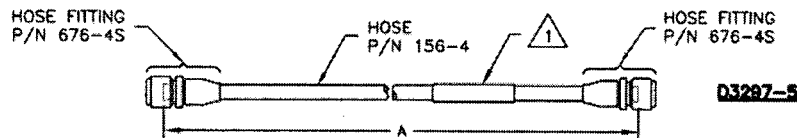
RELEASED
05.01.21



D3297-1



D3297-3



D3297-5

HOSE SPECIFICATION				
DART P/N	STRATOFLEX P/N	VENDOR	A	B
D3297-1-0098	156001-6D0096	API	9.75	
D3297-1-0130	156001-6D0130	API	13.00	
D3297-1-0121	156001-6D0121	API	12.13	
D3297-3-0085	156005-6D0085	API		8.50
D3297-3-0210	156005-6D0210	API		21.00
D3297-3-0350	156005-6D0350	API		35.00
D3297-5-0410	156001-4S0410	API	41.00	

D3297-1-XXXX HOSE ASSEMBLY } WHERE XXXX REPRESENTS
D3297-3-XXXX HOSE ASSEMBLY } HOSE LENGTH IN TENTHS OF INCH
D3297-5-XXXX HOSE ASSEMBLY }

EG: 12.125" LONG: D3297-1-0121
41.00" LONG: D3297-5-0410
8.50" LONG: D3297-3-0085

NOTES:

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

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W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO14747

Purchase Order Date 8/25/2011

PO Print Date 8/26/2011

Page Number 1 of 1

Order From :

VC-AER002

AEROSPACE PRODUCTS INTERNATIONAL
P.O. BOX 223, STATION M
CALGARY, AB T2P 2H6
CA

Contact Name

Vendor Phone 800 214 7404

Vendor Fax 800 214 8875

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

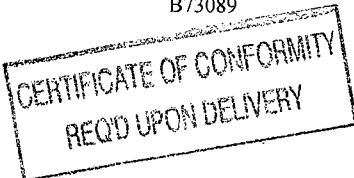
RFI (SEL)

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	156005-6D0085 ✓	HOSE ASS'Y	8/31/2011 Yes	4.00 Each	FedEx PI collect	\$99.3700	\$397.48
		Special Inst:	AS PER DWG D3297 REV. D B73088				
2	156001-6D0096	HOSE ASS'Y	8/31/2011 Yes	4.00 Each	FedEx PI collect	\$60.1900	\$240.76
		Special Inst:	AS PER DWG D3297 REV. D 73087				
3	156005-6D0210	HOSE ASS'Y	8/31/2011 Yes	4.00 Each	FedEx PI collect	\$114.4300	\$457.72
		Special Inst:	AS PER DWG D3297 REV. D B73089				



PO Total:

\$1,095.96

Change Nbr: 2

Change Date: 8/26/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



API
2461 46th Ave.
LACHINE QC H8T 3C9
CANADA

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08/30/2011 16:06:18

Pack List



Shipping Address DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA
Forwarding Agent's Address
Shipping Instructions Detailed Shipping Instructions at the end of the document
Packing Instructions Detailed Packing Instructions at the end of the document

Information	
Document Number	80924788
Document Date	08/30/2011
Purchase Order No.	PO14747
Purchase Order Date	08/25/2011
Sales Order Number	821655
Sales Order Date	08/25/2011
Customer Number	6100481
Shipping Conditions	FXPri 1D (Intl 1-3D)
Incoterms	
Cust Ship Acct	
Delivery Date	08/31/2011
Bill of Lading	
Total Volume	0.012 IN3
Carrier	PUROLATOR COURIER

Item	Material	Material Description	Quantity	Weight	Batch Num
10	156005-6D-0085	156-6 HOSE ASSEMBLY			
	Batches				
	0002121336 (PO:4500159307)		4 EA	0 LB	
20	156001-6D-0096	156-6 HOSE ASSEMBLY			
	Batches				
	0002121335 (PO:4500159307)		4 EA	0 LB	
30	156005-6D-0210	156-6 HOSE ASSEMBLY			
	Batches				
	0002121337 (PO:4500159307)		4 EA	0 LB	

Shipping and Packing Instructions

** CERTIFICATE OF CONFORMANCE **

I hereby certify that the aircraft parts described hereon were acquired from a source of supply that is consistent with the conditions under which Transport Canada distributor approval number 77-98 has been granted.

Authorized Signature

Rw





Sales Order# 4500159307 PO#

Date 08/26/2011

We hereby certify that all the above parts, including all materials, have been manufactured, tested, inspected and packed in conformance with all of the requirements of your order and the applicable government specifications & standards. Records of tests, inspection and certification indicating the above conformance are on file at Aerospace Products International and are available for your examination.

It is further certified that on any hose assemblies marked with a TSO, parts and/or materials reflected therein were produced under Federal Aviation Administration approved manufacturing quality control systems/methods as set forth in the FAA issued technical standard order authorized (TSOA) issued to Stratoflex and (b) such parts and/or material are new and are in condition for safe operation.

If applicable, satisfactory compliance with the conditions and test required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

For API

Disfellowshiped